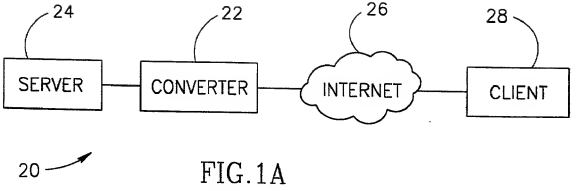


FIG.1A

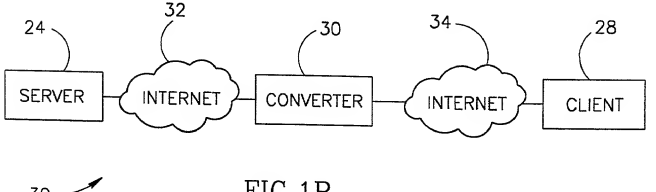


FIG.1B

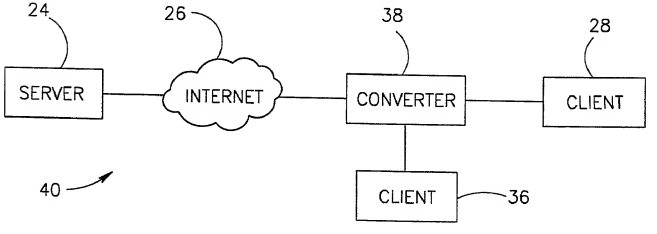


FIG.1C

```
<HTML><HEAD><TITLE>Example</TITLE></HEAD><BODY
BACKGROUND="bg.gif">
<H1>Example</H1>                                    10
HTML supports <FONT COLOR="#FF0000">red</FONT>, and many other
colors.<BR>
It also supports various <FONT SIZE=+4>s</FONT><FONT
SIZE=+3>i</FONT><FONT SIZE=+2>z</FONT><FONT
SIZE=+1>e</FONT>s.<BR>
It even supports any <FONT SIZE=+5
COLOR="#FF0000">combination</FONT>.<BR>
<FORM METHOD=GET ACTION="cgi.bin">Do you agree?
<INPUT TYPE=text NAME=name><INPUT TYPE=submit>
</FORM></BODY></HTML>
                                                    12
```

Fig. 2A

```
<HTML><HEAD><TITLE>Example</TITLE></HEAD><BODY
BACKGROUND="bg.gif">
<H1><IMG ALIGN=ABSMIDDLE SRC=GAAAAFhXYtBHblB.b64></H1>
<IMG ALIGN=ABSMIDDLE                                14
SRC=DAAAAIRVTMByc1BHcvJHdzBC.b64><FONT COLOR="#FF0000"><IMG
ALIGN=ABSMIDDLE SRC=D@DAAyVGZ.b64></FONT><IMG
ALIGN=ABSMIDDLE
SRC=DAAAAsASYuRGItFmb5Byb0hWZyByYvx2byNnL.b64><BR>
<IMG ALIGN=ABSMIDDLE
SRC=DAAAAJRHIhx2cvByc1BHcvJHdzBidhJXavV3cgA.b64><FONT
SIZE=+4><IMG ALIGN=ABSMIDDLE SRC=GAAAAzB.b64></FONT><FONT
SIZE=+3><IMG ALIGN=ABSMIDDLE SRC=GAAAApB.b64></FONT><FONT
SIZE=+2><IMG ALIGN=ABSMIDDLE SRC=FAAAA6B.b64></FONT><FONT
SIZE=+1><IMG ALIGN=ABSMIDDLE SRC=EAAAAIB.b64></FONT><IMG
ALIGN=ABSMIDDLE SRC=DAAAAz5C.b64><BR>
<IMG ALIGN=ABSMIDDLE
SRC=DAAAAJRHIlZXZuByc1BHcvJHdzBSYulHI.b64><FONT SIZE=+5
COLOR="#FF0000"><IMG ALIGN=ABSMIDDLE
SRC=G@DAAj9WbilmbhRXav5G.b64></FONT><IMG ALIGN=ABSMIDDLE
SRC=DAAAAuA.b64><BR>
<FORM METHOD=GET ACTION="cgi.bin"><IMG ALIGN=ABSMIDDLE
SRC=DAAAAE9GI59WdgE2ZyVWZ@A.b64>                    16
<APPLET CODE="text.class" HEIGHT=40 NAME="name" WIDTH="100">
</APPLET><APPLET CODE="submit.class" WIDTH=60 HEIGHT=30
NAME="cgi.bin"></APPLET></FORM></BODY></HTML>
```

Fig. 2B

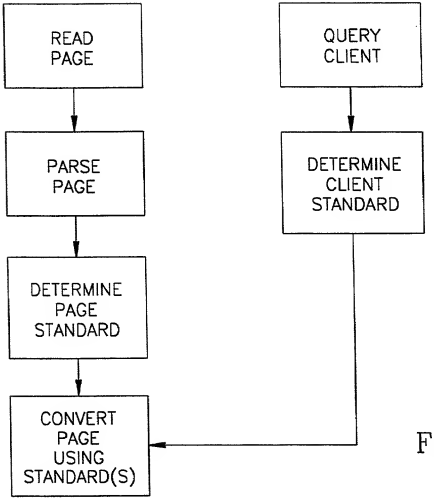

READ PAGE
QUERY CLIENT
PARSE PAGE
DETERMINE CLIENT STANDARD
DETERMINE PAGE STANDARD
CONVERT PAGE USING STANDARD(S)

FIG.3

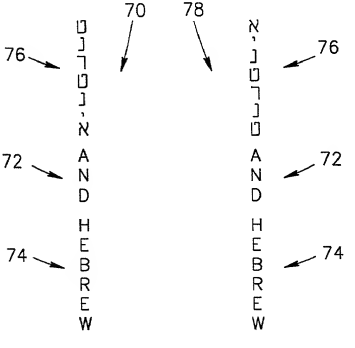

70
78
76
76
72
72
74
74
ARABIC AND HEBREW
ARABIC AND HEBREW

FIG.4

09941515-082801

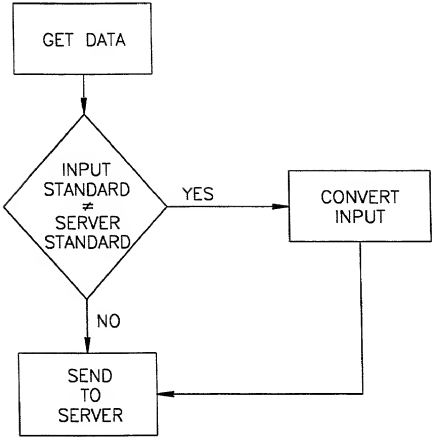


FIG.5

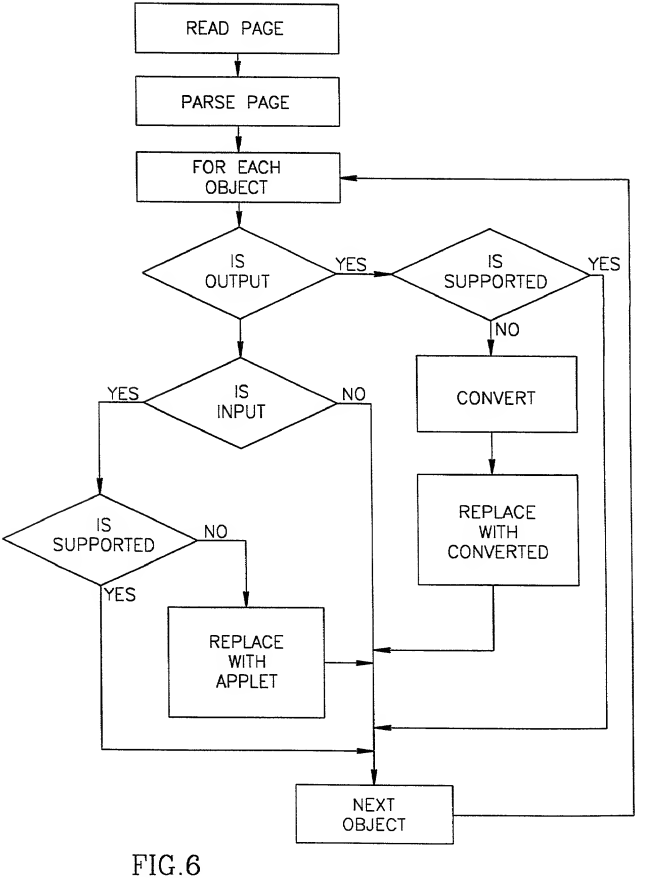
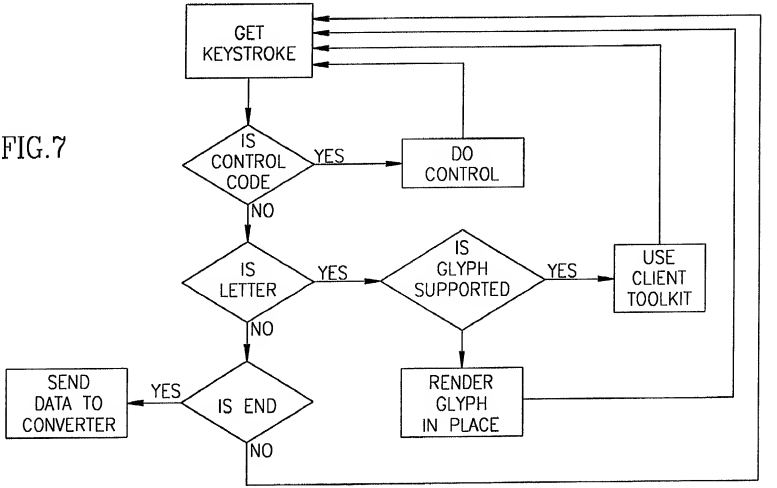


FIG.6

09961515 082801

FIG.7


GET KEYSTROKE
IS CONTROL CODE
YES
DO CONTROL
NO
IS LETTER
YES
IS GLYPH SUPPORTED
YES
USE CLIENT TOOLKIT
NO
SEND DATA TO CONVERTER
YES
IS END
RENDER GLYPH IN PLACE
NO